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1949

Annual Report: 1949

St. Cloud Hospital

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ANNUAL REPORT

1949

ANALYSIS OF HOSPITAL SERVICE

1949

RESULTS		SERVICE	NO. OF PATIENTS	DEATHS
Recovered	6226	Medicine	2449	163
Improved	4811	Surgery	1169	14
Not improved	86	Obstet. Delivered	2171	
Not treated	190	Aborted	140	
Diagnosis only	758	Not delivered	248	
Deaths -		Gynecology	550	
under 48 hours	95	EENT	1729	
over 48 hours	205	Urology	270	7
TOTAL DISCHARGED	12371	Orthopedics	253	
Average number		Ped. (Children - 2080)	31	2
of doctors		Newborn	2156	38
attending		Dermatology	78	
meetings	42	Communicable	407	11
Consultations	946	Traumatic Surgery	511	22
Institutional		Tumor	209	43
Deaths	205	TOTAL DISCHARGES	12371	TOTAL 300
48-Hour Deaths	95	Mortality rate (total)	-2.4%	
Stillborn	30		(2.2% in 1948)	
Autopsies	54	Mortality rate (newborn)	-1.8%	
			(1.4% in 1948)	
		Percentage of Autopsies	-18%	
			(15.6% in 1948)	
Total Daily Average of Patients				
Total Daily Average Number of Patients			265.4	(257.4 in 1948)
Total Hospital Bed Capacity for 1949			330	
Percentage of Hospital Occupancy			80.4%	(78% in 1948)
Average Duration of Patient's Stay			7.5 days	(7.8 days in 1948)

NOTE: As of January 1, 1950, the statistics will be based on a Discharge Basis as compared with the previous admission Basis. ----- A slight fluctuance in the statistics will be expected in 1950.

1949

Remaining January 1, 1950	-	277
Admitted	-	10201
Births	-	2161

OPERATIONS

Major operations	-	2113
Minor operations	-	2296
Transfusions	-	868
Tonsils	-	1050
Circumcisions (Newborn)	-	792
TOTAL	-	7119

Normal	-	1828
Instrumental	-	217
Breech	-	55
Cesarean	-	39
Manual	-	32
TOTAL	-	2171

(29 pairs of twins)

Laboratory Tests	45515
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No. of male patients	4616
No. of female patients	7755

Radiographic examinations	13954
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St. Cloud	6621
Out of city	5750

Fluoroscopic examinations	2151
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X-ray treatments	3893
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Catholic	8581
Protestant	3782

Pediatrics:

Under two years	482
Two to fourteen	1598

No. of cancer patients	209
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Hydrotherapy treatments	1019
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No. of fracture cases	247
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Electrocardiograms	801
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Out patients registered	10018
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HIGHLIGHTS OF 1949

New members of the staff:

Dr. Kaplan	-Kimball (left during the year.)
Dr. Fidelman	-Foley
Dr. Clark (Robert)	-St. Cloud (left during the year.)
Dr. Salk	-Albany
Dr. Neils	-St. Cloud
Dr. Houle	-Sauk Rapids
Dr. Leitschuh	-Foley

At present, the Staff Members include:

Honorary Staff	-Dr. Lewis
Active Staff	-45 members
Associate Staff	-10 members

Total -56 staff members

Attendance at Staff Meeting:

Perfect Attendance -	Dr. Baumgartner	Dr. Luckemeyer
	Dr. Donaldson	Dr. Nessa
	Dr. Gaida	Dr. Raetz
	Dr. Hall	Dr. Wetzel
	Dr. Jones	Dr. Houle
	Dr. Kelly	Dr. Sisk
	Dr. Libert	Dr. Fidelman

Resume of 1949 Programs:

Acute Arterial Occlusion - Dr. Sisk, Discussants: Dr. Brigham, Jr.;
Dr. Schmitz;
Dr. Evans.

Meckel's Diverticulum - Dr. Broker Discussants: Dr. Wittrock;
Dr. Nessa;
Dr. Baumgartner.

Multiple Myeloma - Dr. Reif and Dr. Veranth.
Discussants: Dr. Schatz.

Carcinoma of the Cervix - Dr. Petersen. Discussants: Dr. Nessa;
Dr. Stangl.

Failure of Internal Fixation of Fractures of the Hip Joint -
Dr. Brigham, Jr.

Brucellosis - Dr. Kelly. Discussant: Dr. Luckemeyer.

Status of Breast Feeding Today - Dr. Wetzel

Guillian-Barre's Disease - Dr. Bendix.

Pelvic Endometriosis - Dr. Evans

Retention Cyst of Ovary - Dr. Luckemeyer.

DEPARTMENT OF MEDICINE

Annual Report

1949

There were 2,449 patients treated in the medical service during 1949. The number of deaths (medical) was 163, the percentage being 6.6%. In 1948, there were 2,488 medical patients treated with 158 deaths recorded. The death percentage was 6.6%.

Carcinoma: There were 209 cases of carcinoma with 42 deaths in 1949. During 1948, there were 142 cases of carcinoma with 34 deaths, and in 1947 there were 163 cases with 47 deaths. The types of carcinoma varied as follows, according to systems:

Body in general	-1	Lymphatic	- 1
Skin and breast	-6	Digestive	-20
Musculoskeletal	-1	Urogenital--Male	- 4
Respiratory	-3	female	- 4

The Minnesota Department of Health has a revised tumor report form which is to be used in gathering statistics for Cancer Research. Beginning in 1950, these new forms will be used.

During the year of 1949, the poliomyelitis statistics were as follows:

Bulbar poliomyelitis	9	Poliomyelitis, abortive	13
Acute poliomyelitis	31	(non-paralytic)	
Poliomyelitis, spinal	5	Poliomyelitis, abortive	4
		(paralytic)	
		Total	62

Of these 62 cases, 60 received spinal taps and many repeated taps as diagnostic procedure.

Deaths:

Acute bulbar poliomyelitis	-2
Acute poliomyelitis, bulbar	-1
Acute poliomyelitis	-1
Total	<u>4</u> poliomyelitis deaths

Symptoms:

The symptoms in the majority of cases were synonymous: Fever, sore throat, respiratory symptoms, difficulty in swallowing and poor heart action (especially in bulbar cases), soreness and stiffness of muscles, paralysis.

The age group varies from 5 months to 39 years, the average being 13 years. In 1948, there were 40 cases of poliomyelitis with 3 deaths.

Respectfully submitted,

F. H. Baumgartner, M.D.
Chief of Medicine

DEPARTMENT OF SURGERY

Annual Report

1949

	1947	1948	1949
Major Surgery	1848	1829	2113
Minor Surgery	2432	2530	2296
Transfusions	510	666	868
Tonsils	1272	1034	1050
Circumcisions (newborn)	561	665	792

Statistics, although enlightening and instructive at times, are usually boring. Let us use our only in a general way. You will note 2113 cases of major surgery listed. There were 16 surgical deaths, well scattered among all the members of the surgical staff. None of us need look to the other fellow for improvement; we can all strive for better results. Pulmonary embolism still seems to happen. Peritonitis still occurs in every surgeon's practice; and good reasons for peritonitis are numerous. Surgical shock is becoming rarer and harder to excuse. Certainly extensive operations with no findings to excuse the surgery are harder to condone. In this same group fall the cases such as one in which an appendectomy was performed, a normal appendix removed according to the pathologist, and the patient died of pneumonia.

On reviewing many of the surgical charts, there are some lessons to be learned which might help our patients during 1950. Let us look at the problem of fluid and electrolyte balance without going into much detail. There are records of over-zealous administration of fluids without proper attention to electrolyte balance. One such case developed cerebral edema with first a mania and then unconsciousness. Fortunately, the situation was recognized and corrected without any ill effects on the patient, but probably some lasting damage in the doctor's coronaries. Another case in which parenteral feeding was necessary for a prolonged time, a similar but more insidious clinical picture was encountered. At that time, blood chloride determinations were not available to that by the grace of God and fortuitous guessing on the part of the attending doctors, the patient made a recovery. Similarly other less obvious examples could be cited. This problem in all its phases certainly would make a good subject for a staff seminar.

It is interesting to note that the four cases of evisceration reported, all cases were in high right rectus incisions done for gall bladder surgery. These accidents occurred between the 6th and 10th days. It certainly makes us think about more of a problem than merely the suture line. Surely, a little more thorough pre- and post-operative care wouldn't be amiss.

Miss Tischart was added to the surgical teaching staff during the year of 1949. She is the surgical instructor for the student nurses.

During the year, an instrument pool was formed by a goodly number of the staff members. Instruments like the dermatome for skin grafting and the Luck Bone Saw and others are available to the members. The system has been operating quite satisfactorily for all concerned.

Respectfully submitted,

John B. Beuning, M.D.

DEPARTMENT OF ANESTHESIOLOGY

Annual Report

1949

ANESTHETICS GIVEN

Ether and vinethene	1043
Pentothal sodium with (balanced anesthesia)	1940
Cyclopropane with (balanced anesthesia)	39
Nitrous oxide and oxygen with (balanced anesthesia)	51
Other agents used: Spinal, Transacral, Caudal, Spirits, & Locals observed by anesthetists.	138

It is advisable to combine the various anesthetics; i.e. if one anesthetic is to be prolonged due to extensive surgery, it is well to switch to another anesthetic in the balanced anesthesia.

It has been suggested that the routine order of atropie sulphate be increased for general tonsillectomies and adenoidectomies.

A new Ice Oxygenaire Tent was procured this year and is available for use at any time.

A reminder:--Let us be careful to safeguard by avoiding smoking and other fire hazards while in the vicinity of anesthetics and oxygen while in use.

Respectfully submitted,

R.N. Jones, M.D.
Chief of Anesthesiology

DEPARTMENT OF OBSTETRICS

Annual Report

1949

There has been a total of 2171 obstetrical cases (delivered) in the St. Cloud Hospital during 1949. One maternal death was recorded, this being due to acute bulbar poliomyelitis. In 1948, there were 2089 obstetrical cases with two maternal deaths.

There were 39 Cesarean Sections performed during 1949, or 1.8% of the total deliveries. In 1948, the Cesarean Section rate was 1.1% of total deliveries.

Placenta Previa	-10	Uterine inertia	1 2
Toxemia	- 3	Abdominal presentation	-
Contracted pelvis	- 7	(fetus 3 weeks past due)	- 1
Premature separation of placenta	- 5	Pelvic dystocia	- 1
Fetal disproportion	- 1	Acute bulbar poliomyelitis	- 1
Previous Cesarean Sections	- 3	Cardiac Disease	- 1
Abruptio placenta	- 2	Deformed pelvis with	
Rh negative patient	- 1	(congenital atresia of vagina)	- 1

Newborn statistics are as follows:

	1947	1948	1949
Number of babies born alive	1995	2067	2156
Stillborn	25	22	30
Newborn Deaths	50	29	38

Of the 2156 newborn, there were 38 deaths. The percentage of deaths was 1.8%.

The causes of newborn deaths were as follows:

Multiple congenital anomalies	-- 2
Prematurity	--14
Anencephalus	-- 2
Pulmonary atelectasis	-- 8
Rh negative mother	-- 1
Cerebral hemorrhage, traumatic	-- 2
Atelectasis and bilateral clubfeet	-- 1
Bowel obstruction and exhaustion	-- 1
Congenital malformation; diaphragmatic hernia	-- 1
Erythroblastosis fetalis	-- 2
Coccygeal dermoid	-- 1
Anoxemia due to premature separation of placenta	- 1
Congenital heart disease and atelectasis	-- 2

There were 29 twin births in 1949; and 792 circumcisions performed on newborns.

Respectfully submitted,

F. J. Schatz, M.D.
Chief of Obstetrics

DEPARTMENT OF PEDIATRICS

Annual Report

1949

The number of children treated in the hospital during the year of 1949 was as follows:

Children under two years of age ----- 482
Children from two-fourteen years of age -----1598

Total children - 2080

In 1948 there was a total of 1965 children treated as follows:

Children under two years of age ----- 466
Children from two-fourteen years of age -----1499

Total children - 1965

The Pediatrics Department apparently functioned quite well during 1949. Charts were completed at an early date and for the most part were well written.

A suggestion had been made that facilities for tonsillectomies be increased by allotting a certain number of tonsil beds, but due to the increased volume of medical patients during the year it has not been completely possible to set aside a permanent number of beds for tonsil cases.

It is also felt that the practice of admitting cases for tonsillectomies the night before surgery should be considered for the ensuing year.

Respectfully submitted,

J. O'Keefe, M.D.
Chief of Pediatrics

DEPARTMENT OF OPHTHALMOLOGY AND OTOLARYNGOLOGY

Annual Report

1949

There has been a slight drop in the number of eye, ear, nose, and throat cases in the St. Cloud Hospital over the previous year.

Comparable statistics of this department are as follows:

<u>1947</u>	<u>1948</u>	<u>1949</u>
2262 cases	1840 cases	1729 cases

In 1948 there were 1034 tonsil cases, and in 1949 there were 1050 tonsil cases.

A study of patients' with diagnoses of mature senile cataracts was made for the year of 1949. All of these patients with the exception of one conceded to surgery. The study revealed 41 surgical cases of which 21 were males, and 20 females. From this group, 32 were extracapsular extractions and 8 were intracapsular extractions of the lens.

Respectfully submitted,

E. N. Milhaupt, M.D.

DEPARTMENT OF RADIOLOGY

Annual Report

1949

The radiological department presents the following report of work done in the past year ending December 31, 1949.

	1945	1946	1947	1948	1949
Diagnostic examinations	<u>7445</u>	<u>9486</u>	<u>11,855</u>	<u>12,122</u>	<u>14,173</u>
X-Ray treatments	1520	2140	2422	2930	3950

During the past year, a second G.E. portable x-ray machine was purchased; it is used specifically for lateral hips during hip-nailing. A portable darkroom tank which will enable the technician to process the films in the operating room and thus avoid delay during hip-nailing will be set up shortly after the first of the year.

During the past month the hospital placed an order for a shockproof Superficial Therapy unit. We wish to thank the hospital authorities for making this equipment possible.

The department now has two collapsible wheelchairs which can be rented out to the patients in the private homes.

There have been no new procedures added in 1949.

The School of X-Ray Technology graduated its first formal class of three students this past September. The technical staff now consists of six registered technicians and nine students.

We wish to express our appreciation to the physicians on the staff and the personnel of the hospital for their cooperation in the past year.

Respectfully submitted,

G. B. Nessa, M.D.

E. M. Anderson, M.D.

PATHOLOGY-LABORATORY DEPARTMENT

Annual Report

1949

A total of 300 deaths were recorded in 1949:

Deaths under 48 hours-----	95
Deaths over 48 hours-----	205

Total 300 deaths

There was a total of 54 autopsies performed during the year, the statistics being the following:

Total Autopsies-----	48
Autopsied Coroners' Cases-----	2
Autopsies on Stillbirths-----	3
Autopsy of Non-Hospital Death---	1

Total 54 autopsies

Gross autopsy percentage was 18%.

Stillborn autopsy percentage was 10%.

There has been a marked increase in the amount of work done in the laboratory during the year of 1949. The staff has been very cooperative and understanding. We in the laboratory appreciate this and extend our thanks.

Respectfully submitted,

P.E. Stangl, M.D.
Pathologist

LABORATORY TESTS 1949

Urology:

Urinalysis	7212
Cystoscopic	71
P.S.P.	63
Acetone, Diac., Sug.	31
Fermentation	1
Test for Barbiturates	4
Quan. Sugar	3
Quan. Albumin	2
Urine Melanin	1
Bence Jones Protein	3
Con. & Dilution	8
Urine Ph	36
Urine Calcium	3
Test for Fat	2
Urine Urobilinogen	2
Urine Uric Acid	1

Hematology:

RBC'S	4287
WBC'S	5389
HBG.	5338
CBC.	3592
Diff.	4014
Bl. & Cl.	1743
Sed. Rates	649
Hematocrit	10
Prothrombin	511
Reticulocyte	24
Heterophilantibody	36
Agglutinations	159
Fragility	1
Cold Agglutinations	7

Serology:

Rh-Antibody Titre	5
Compatibilities	1157
Typings	972
Blood Bank (Transfusions)	938
Plasma	94
Rh-Factor	1002
Blood Mazzini	1344
Sp. Fl. Mazzini	90
Blood Banks Drawn	1175

Blood chemistries:

Icterus Index	64
Cholesterol	36
Cephalin Cholesterol	10
Calcium	38
Alk. Phosphatase	2
Acid Phosphatase	5
Serum Bilirubin	3
Plasma Protein	6
Sulfa	8
Van den Bergh	5
Thiocyanate Level	10
CO ₂ Combining	7
Alb. Glob. Ratio	16
Total Proteins	8
Brom-Sulphalein	3
Serum Phosphorus	6
Blood Amylase	9
Blood Potassium	3
Thymal Turbidity	11

Bacteriology:

Diphth. Virulence Test	1
Blood Cultures	77
Nose & Throat Cultures	78
T.R. Cultures	69
General Cultures	936
Smears	951
Nasal Smears	11
Sputums	124
Gastric Washings	82
Malarial Smears	6
Autogenous Vaccine	3
Stool (Parasites)	41
Stool (For Bile)	3
Sterility Test	4
Protoscopic	1
Streptomycin Sensitivity	1

Animal Inoculations:

Friedman Test	180
Guinea Pigs	61

LABORATORY TESTS 1949

Blood Chemistries:

Glucose Tolerance	38
Blood Sugar	585
Blood Urea	239
N.P.N.	148
Creatinine	32
Chlorides	12
Uric Acid	13

Histology:

Paraffin Sections	2008
Frozen Sections	31
Bone Marrow Biopsy	31
Liver Biopsy	2

Autopsies	54
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Miscellaneous:

Stone Analysis	7
E.K.G.	801
B.M.R.	457
Gastric Analysis	438
Occult Blood	50
Spinal Fluid	172
Concentration of Fluids	30

DIETARY DEPARTMENT

Annual Report

1949

The year brought some changes in the dietary department. A lay dietitian hired in April assisted in therapeutics and carried the main responsibility in the formula room and the formal teaching of Foods and Nutrition. A third person added in August is to direct the entire dietary department.

During late spring and early summer, plans for a new pay cafeteria were formulated and executed so that on September 1st and since then, the entire hospital personnel except the Sisters and the men have been served through the cafeteria. The men have been accommodated since December 1st. The cafeteria aims to operate in such a manner as to give the personnel adequate service at minimum cost. It is open to guests of patients for their convenience at a small tax charge. During the period of September 1st to December 31st, 74,873 persons were served with a total worth of \$19,017.45. There seems to be less food waste and a greater satisfaction and enjoyment among the persons served. Besides the routine cafeteria duty, several group dinners were served as well as refreshments to various group meetings. The smaller dining rooms have been given a "new look."

In the general patient food service, the selective menu was discontinued in May. It had been found that too few patients were able to select foods to justify putting out the selective menu. Several small items in the food service have been changed in the hope of giving better service to the patient.

FORMULA ROOM:

Terminal heating of all formulae has replaced the sterile technique used before the purchase of the new sterilizer. The procedure achieves bacteriologically safe formulae with the preservation of maximum nutritive value. The new bottle washer assures adequate pre-cleaning of all bottles. All equipment, bottles, nipples, and caps are cleaned and then sterilized at 254°, 15 lbs. pressure for 10 minutes. Finally, the bottled and capped formula is heated to 180-200° for 15 minutes.

The house formula at present is a Carnation, Dextri-Maltose preparation. Others frequently ordered are: SVA, Cartose, Olac, Dextrogen, and several lactic acid preparations. A 5% lactose solution is bottled for the OB nursery.

Formulae are made for the OB nursery, pediatrics, and the isolation ward, the quantity varying with the census.

Laboratory reports have consistently been less than the 25 organisms per millimeter allowed.

DIETARY DEPARTMENT

Annual Report

1949

SPECIAL DIET SECTION:

Types and number of diets commonly served:

Allergy	60
Bland	60
Diabetic	177
Gall bladder and other fat restricted	271
Hi-Caloric, hi-vitamin	54
Low residue	50
Reduction	61
Sodium restricted	352
Ulcer and variations	126

UNUSUAL DIETS SERVED:

Acid ash	2
Banana diet	1
Colostomy	1
Dry diet	4
Elimination	6
Liver diet	2
Low calcium	1
Low cholesterol	1
Meat free	3
Purine restricted	1
Sprue	1
Tube feeding	10
Very low protein	4

	<u>1948</u>	<u>1949</u>
Total number of trays served	34,272	30,534
Average number of trays per day	31.3	27.7

PLANS FOR THE FUTURE:

- I. The preparation of a diet manual to be discussed and adopted at a medical staff meeting.

Respectfully submitted,

Sister Glenore, O.S.B.
Dietitian

ST. CLOUD HOSPITAL SCHOOL OF NURSING
ANNUAL REPORT FOR THE YEAR
1949

The St. Cloud Hospital School of Nursing was organized in 1908 with a nucleus of 4 students. Since 1915 it has been officially recognized by and registered with the Minnesota State Board of Nurse Examiners. To date, 641 nurses have graduated from this school.

The School of Nursing conducts a three year program in nursing with affiliation in Psychiatry at the St. Cloud Veterans Hospital. After completion of the three year program, the nurses qualify for writing the National Pool Tests administered by the National League of Nursing Education.

1304 hours of theory are taught each year, to the three classes.

The library of the School of Nursing is located in the nurses' home. It contains reference books, biography, fiction and non-fiction as well as a good selection of professional and non-professional publications. At present the library contains 2415 volumes. Of these 1034 are books on professional subjects.

The seating capacity of the library is 40.

An average of 100 individuals use the library each day.

Professional personnel, as of December 31, 1949, consist of the following:

Sister, graduate registered nurses - - - -	15
Lay, graduate and registered nurses - - -	66
Student nurses - - - - -	135
Seniors - - -	35
Juniors - - -	54
Freshmen - - -	46

In June 1950, three nurses, who will receive their B.S. degrees, will join our nursing staff.

Marian Town, R.N., B.S. from St. Scholastica, Duluth, will be the clinical instructor in Medical Nursing.

Sister Mary Dominic, O.S.B., R.N., B.S. from St. Louis University, will be the supervisor and clinical instructor in Pediatrics.

Sister Keith, O.S.B., R.N., B.S. from St. Louis University, will be Nursing Arts instructor.

The present full time faculty members of the School of Nursing are:

Sister Giovanni Bieniek, O.S.B., R.N., B.S. in Administration.

Sister Berno Flint, O.S.B., R.N., B.S. in Nursing Education

Sister Mary Jude Meyer, O.S.B., R.N., B.S., M.S. in Nursing

Sister Michael Kilmer, O.S.B., B.A., M.T. (A.S.C.P.)

Sister Inez Hilger, O.S.B., B.A., M.A., M.A., Ph.D. in Social Science

The present part time instructors in the School of Nursing are:

Sister Dolorata Vener, O.S.B., R.N., B.S. in Nursing

Rita Wavrick, R.N., B.S. in Nursing

Marjorie Boyle, B.S., A.D.A.

Merlyn Tischert, R.N., Graduate work in O.R. Technique.

Father James Minette

Respectfully submitted
Sister Giovanni

